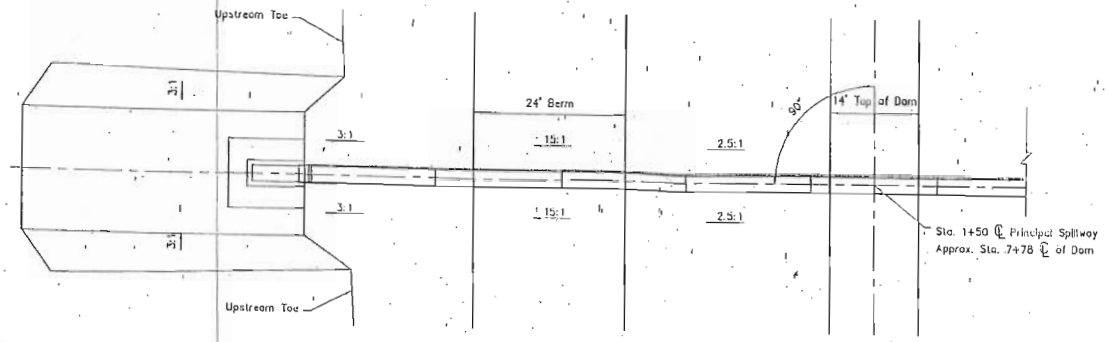
OKR2014451
PAYNE COUNTY CONSERVATION DISTRICT
UNNAMED TRIBUTARY TO COW CREEK
FLOODWATER RETARDING STRUCTURE
ENCLOSURE 5 OF 6

NOTE: Construction of the Principal Spillway Inlet shall not progress above the lowest construction joint until sufficient borrow material has been removed from below the Principal Spillway Crest Elevation to insure that the embankment can be completed from the required excavation.

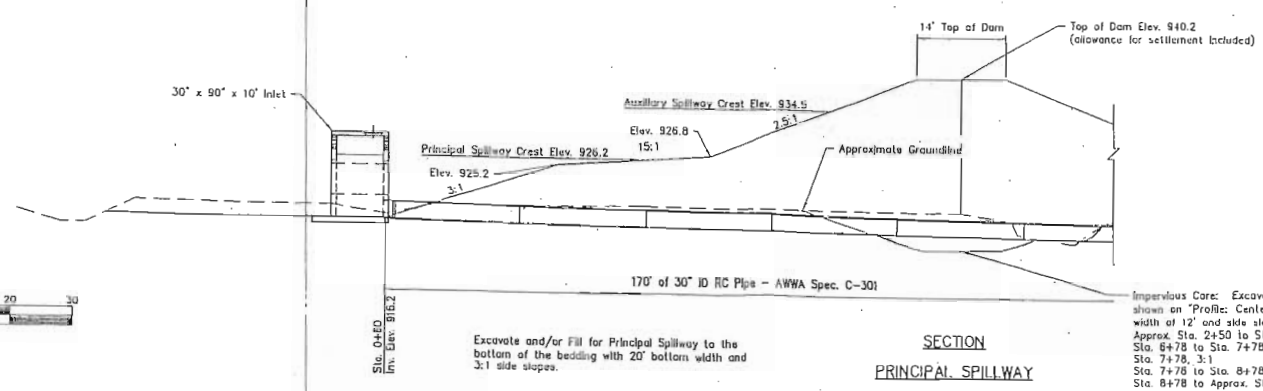
The detail shown is for 20' lengths of pipe joint. Other lengths of pipe joints and invert elevations may be authorized by the engineer.

PIPE INVERT ELEVATIONS	
STATION	ELEVATION
0+60	916.20
0+80	915.77
1+00	915.33
1+20	914.90
1+40	914.47
1+60	914.04
1+80	913.60
2+00	913.17
2+20	912.95
2+30	912.95



Excavate Principal Spillway Inlet Channel to the limits shown 40' wide at Elev. 916.2 from the upstream toe to the borrow area.

PLAN



Excavate and/or Fill for Principal Spillway to the bottom of the bedding with 20' bottom width and 3:1 side slopes.

SECTION

PRINCIPAL SPILLWAY

Impervious Core: Excavate Cutoff Trench to the limits shown on "Profile: Centerline of Dam" with a bottom width of 12' and side slopes as follows:
Approx. Sta. 2+50 to Sta. 6+78, 1:1
Sta. 6+78 to Sta. 7+78, transition
Sta. 7+78, 3:1
Sta. 7+78 to Sta. 8+78, transition
Sta. 8+78 to Approx. Sta. 12+90, 1:1

CHECK PRINT

Designed E. Rancolph Date 05-04
Drawn A. Lant 10-04
Revised XXX XXX
Approved XXX XXX

PRINCIPAL SPILLWAY - PLAN & SECTION
FLOODWATER RETARDING STRUCTURE SITE NO. 33C
STILLWATER CREEK WATERSHED
PAYNE COUNTY, OKLAHOMA

NRCS
Natural Resources Conservation Service
United States Department of Agriculture

E-File Location:
R:\03_08\Stillwater 33-C\
Drawings\PRSPWPLAN-SECT.dwg

Drawing No.
OK-375

Sheet 4 of 26